

# Welcome to Atlanta and Georgia Tech

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Association of University Research Parks  
October 26, 2006

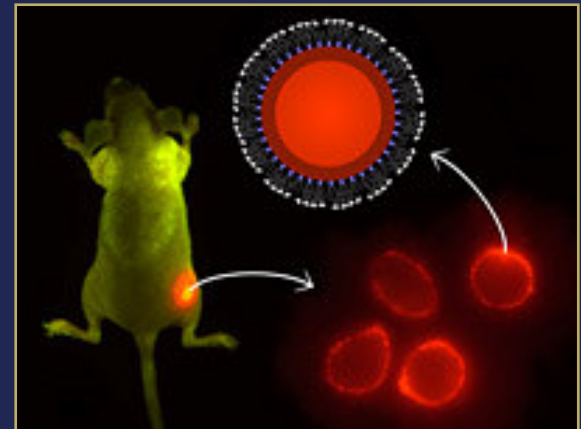


# Georgia Tech: Recognized for excellence

- Among top 10 public universities in the United States
- Among top 5 engineering schools in the United States
- Nationally ranked for computing, architecture, management, and selected science and liberal arts programs.

# At the leading edge

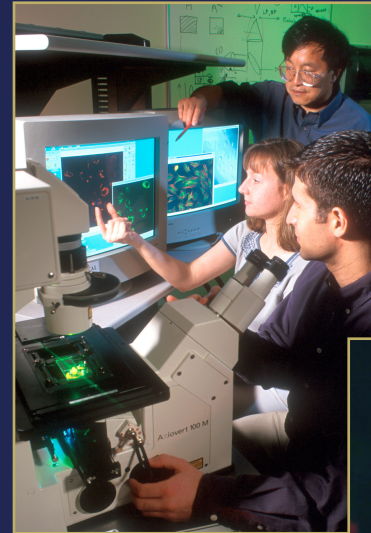
- No. 2 in the nation in engineering R&D
- 19 National Centers of Excellence, including 3 nanomedicine centers
- Leader in MEMS and micro-electronics
- National leader in graduating minority and women engineers



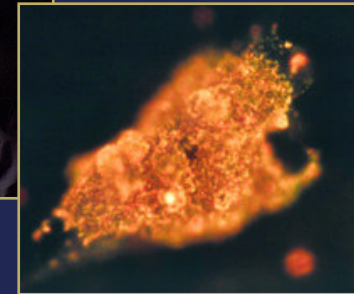
# Interdisciplinary research thrusts



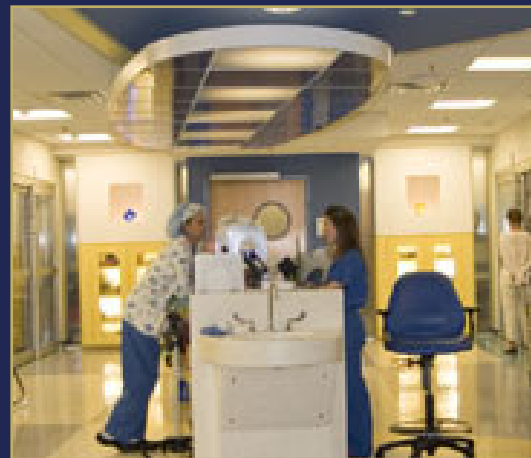
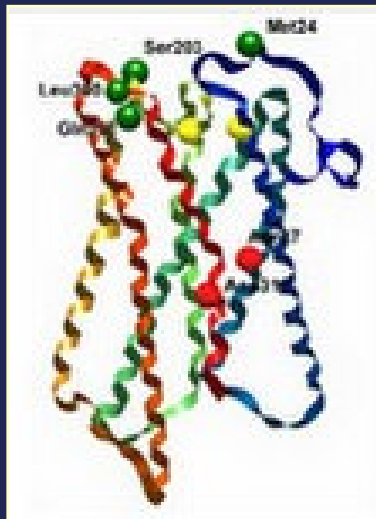
Energy



Nano-  
medicine



Systems  
biology



Electronic  
health  
systems



# Interdisciplinary research thrusts



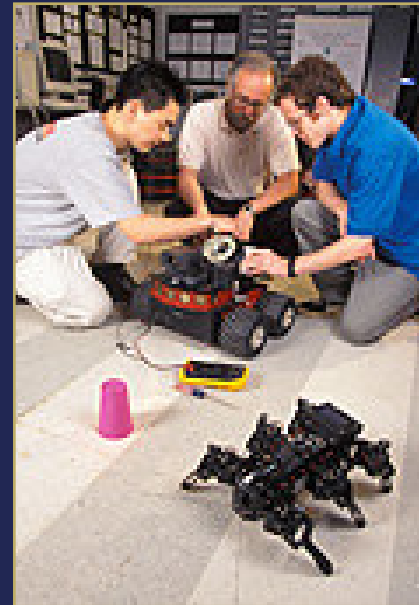
Disasters, water



High  
performance  
computing



Music  
technology

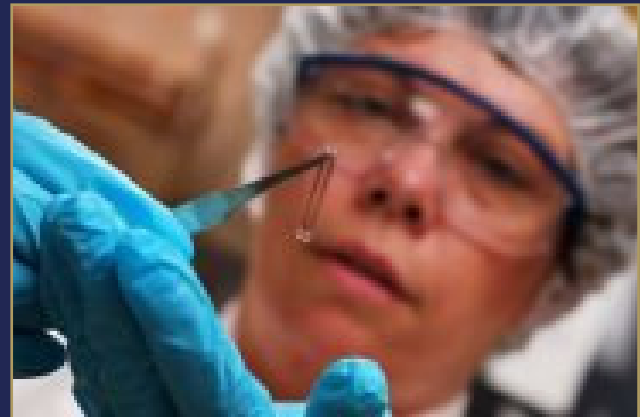


Robotics

# Georgia Tech's economic impact

- \$4 billion annual impact on the state of Georgia
- Top 10 university in patents awarded
- 1995-2005: created 76 new companies
- Recognized for commercializing biotechnology
  - ▷ No. 4 in start-up companies
  - ▷ No. 8 in patents filed
  - ▷ No. 11 in technology transfer

Milken Institute



CardioMEMS

## ENTERPRISE INNOVATION INSTITUTE

Brings Georgia Tech's new and established programs together in an integrated initiative to help entrepreneurs, industries, and communities become more innovative and competitive

Commercialization Services:  
Venture Lab

Entrepreneur Services:  
ATDC

Industry Services

Community Policy and Research Services

# VentureLab: from lab to market

- Assesses commercial potential of discoveries, technologies in Tech research labs
- Develops commercialization plans
- Matches faculty with “Fellows” who are experienced entrepreneurs
- Provides seed funding for prototype or proof-of-concept
- Since 2001: Assessed 300 technologies; 11 start-up companies have emerged





## Beginning at the beginning

- “Grow our own” approach: Advanced Technology Development Center established in 1980
- Nation’s first university-based incubator
- Widely regarded as one of the nation’s best
- Wide range of companies:

Electronics  
Computing/IT  
Optical technology  
Technical services

Manufacturing  
Environmental tech  
Engineering  
Telecommunications

New media  
Internet apps  
Software  
Biotechnology



## ATDC today

- 37 present companies; over 100 companies have “graduated”
- Member and graduate companies employ over 5,500; annual revenues of more than \$1.7 billion
- Over \$1 billion in capital activity in the past 5 years
- 75% of graduates from the past decade are still in business or were acquired by other companies that are still in business



Technology Square



Em  
Tech  
Bio



Georgia Tech  
Savannah



Ford ES&T



France



Columbus

# Other contributors to the process

- **Technology Partnerships:** Facilitates Georgia Tech partnerships focused on IP and R&D around common technology needs. Can be with other universities, government labs, private industry.
- **Georgia Tech Innovation Fund:** allows Georgia Tech to take a position in its start-up companies, provide seed funding



# Last step: Technology Enterprise Park

